

**TREVINO CIRCLE / MONTEREY ROAD  
CHANNEL  
IMPROVEMENTS PROJECT  
ROANOKE, VIRGINIA  
ITB No. 17-02-09A**

**Questions and Answers  
December 30, 2016**

1. It appears new guardrail will go ovetop a box culvert. Typical post spacing for guardrail is 6'-3" and then embed into the ground 4'. The box culvert is longer than 6'-3", how does the city propose guardrail post be install ovetop the box?

**Response: Guardrail replacement located near the Monterey Road culvert has been removed from the scope of work for the construction of the project.**

2. The plans show three separate runs for guardrail. How does the city propose we finish/protect each end of the independent runs for guardrail?

**Response: New guardrails will be installed near the Old Mountain Road culvert. The proposed guardrail on the downstream end of the Old Mountain Road culvert shall compose of a GR-9 terminal and a GR-2. The proposed guardrail on the upstream end of the Old Mountain Road culvert shall be GR-2. The GR-2 end section shall be rounded.**

3. GR-9 terminal is 50 ft long and must tie into something on one end to be safe." What should it tie into?

**Response: The 50ft GR-9 terminal shall tie to GR-2.**